CoE 197 ME8 Exercise 3
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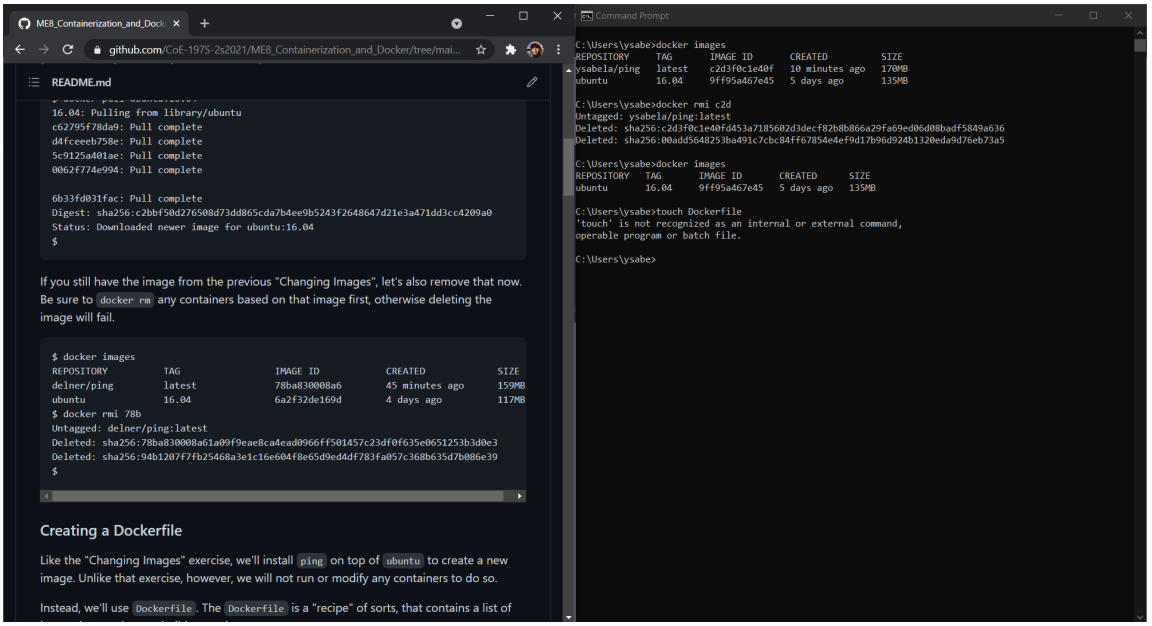
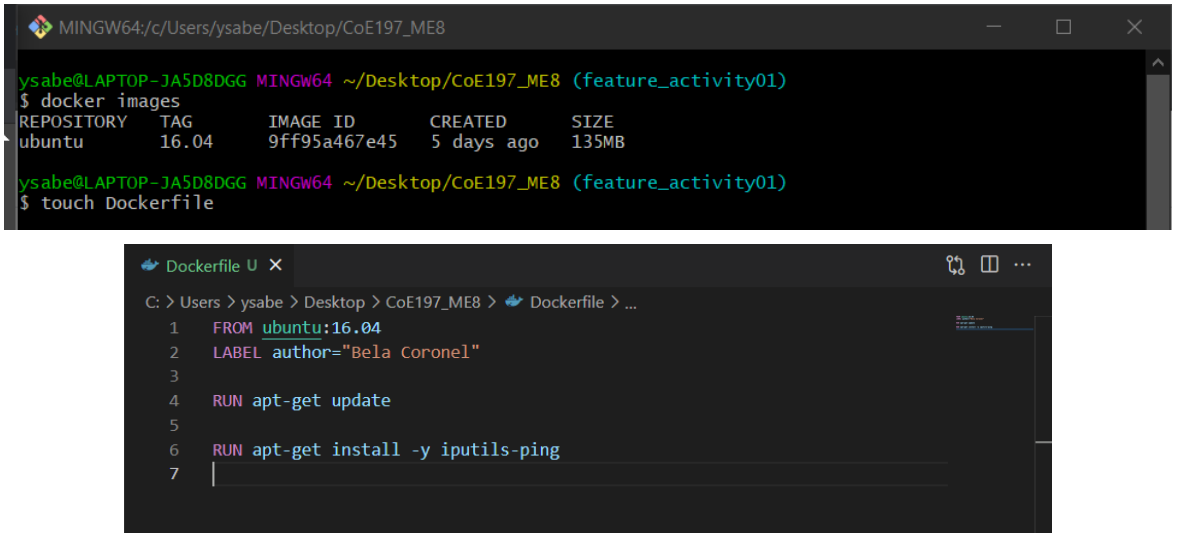
2015-01379

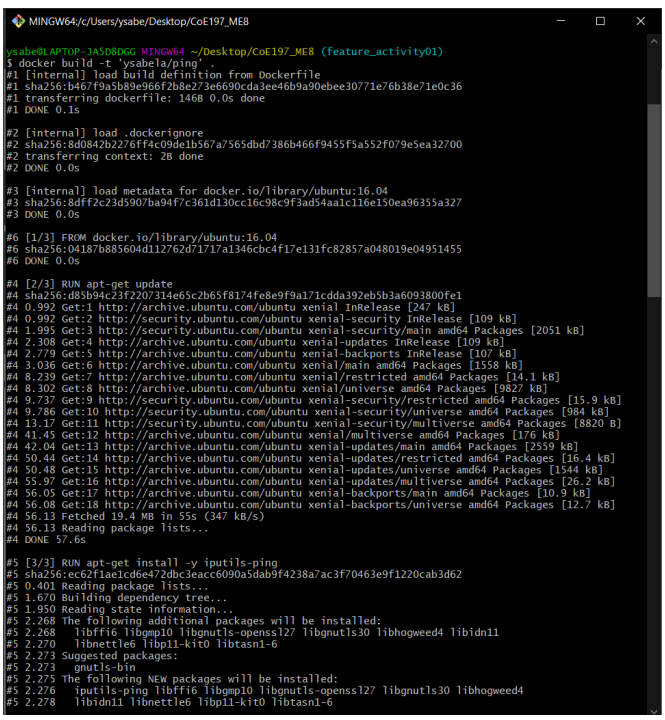


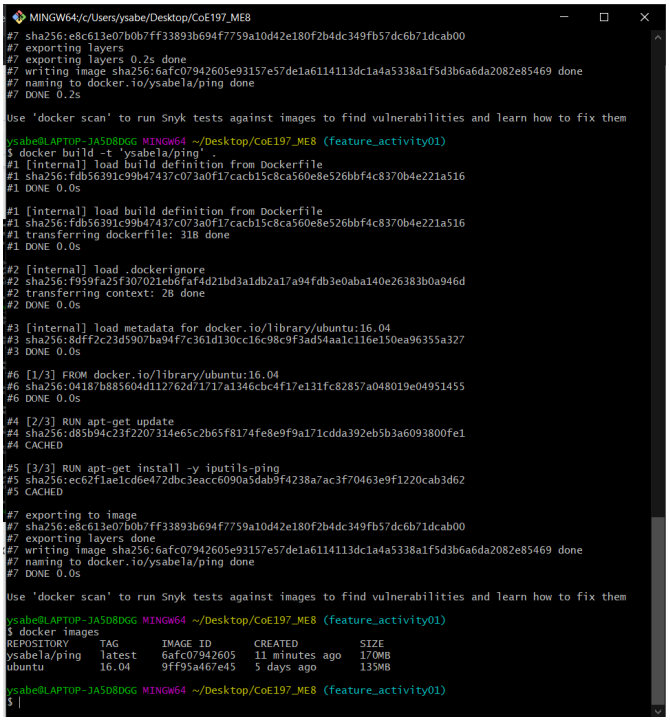
In this first image, the setup part of the exercise was executed. The modified image produced from exercise 2 was removed.

Step 1 of the ‘Creating a Dockerfile’ part of the exercise was also attempted but the command was not recognized by the command line so I had to switch to the Git Bash shell.



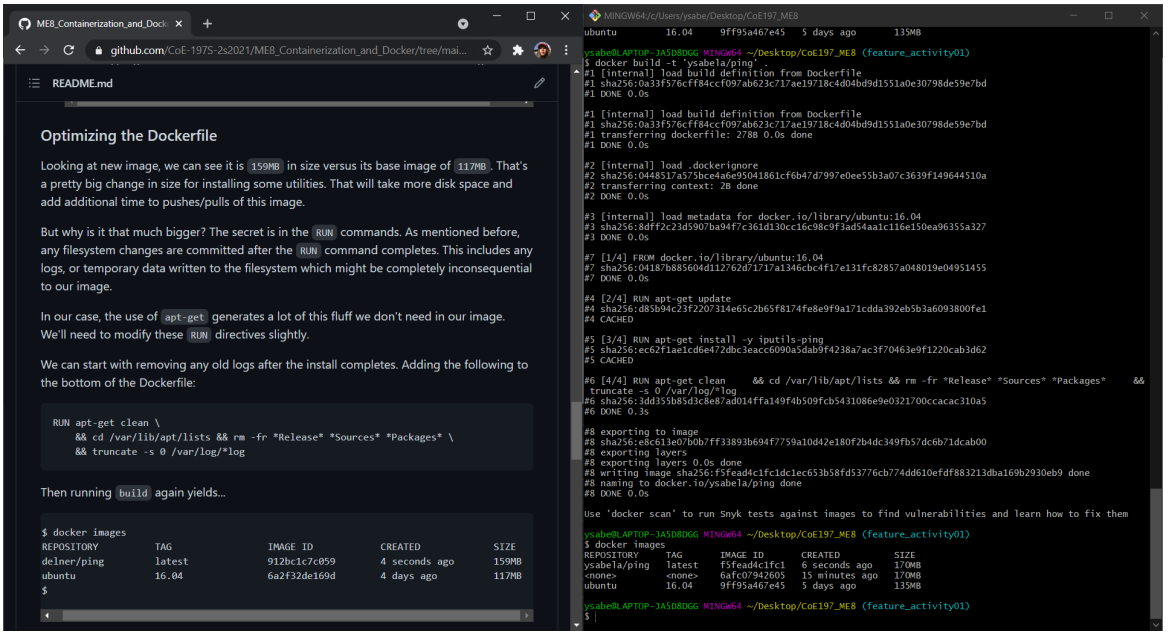
The 2 images above show how the Dockerfile was created and what it includes.



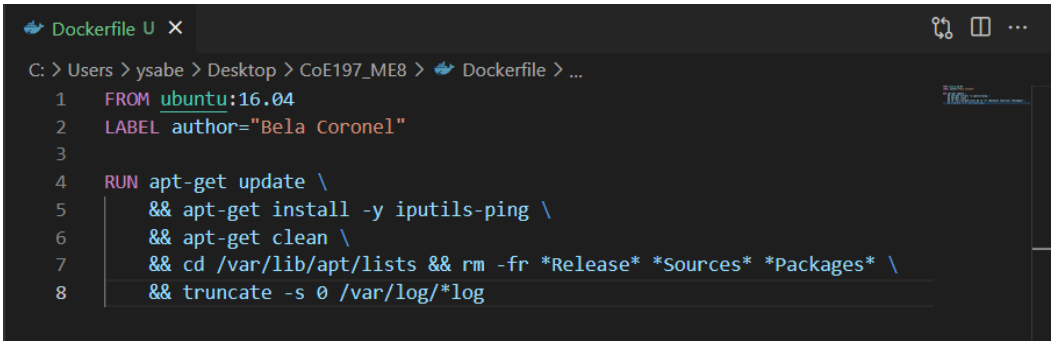


The output of the docker build command was longer than expected but the expected output image was still attained as seen in the docker images.

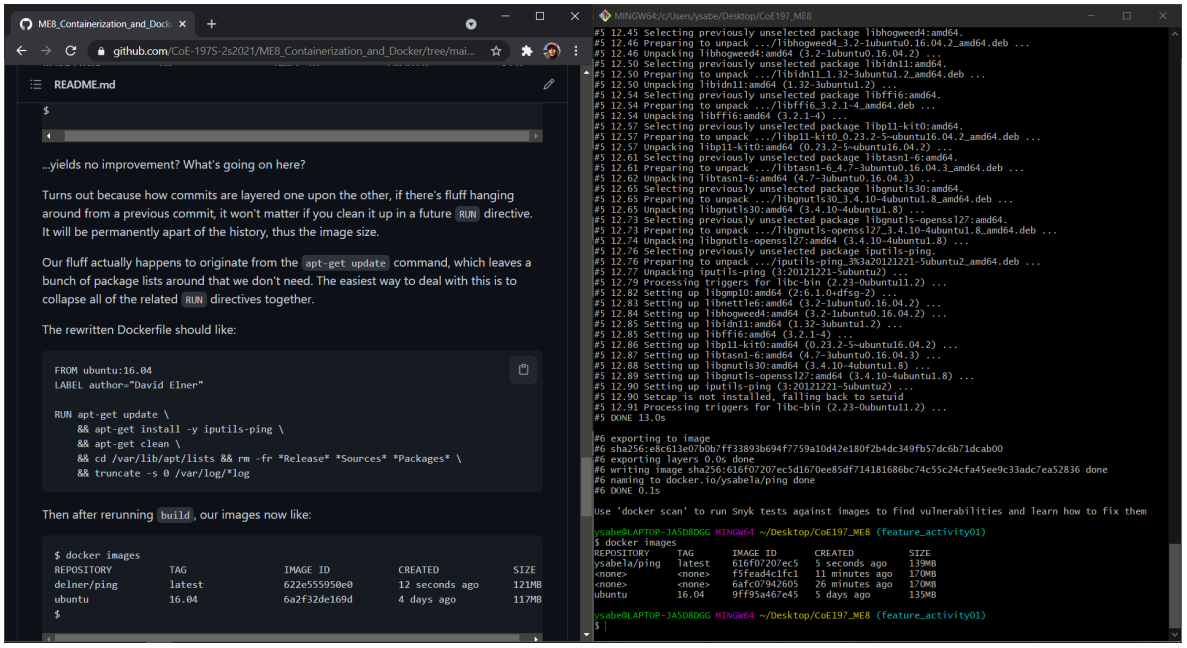
To optimize the Dockerfile, the file was modified as shown above.



The docker build command was executed again and upon looking at the result of the docker images command, the expected output is attained. However, another image appeared with the tag <none> and repository name <none>.

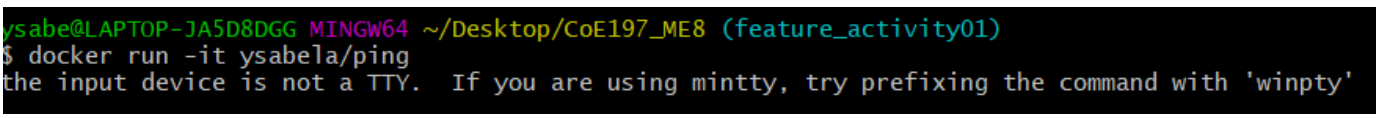


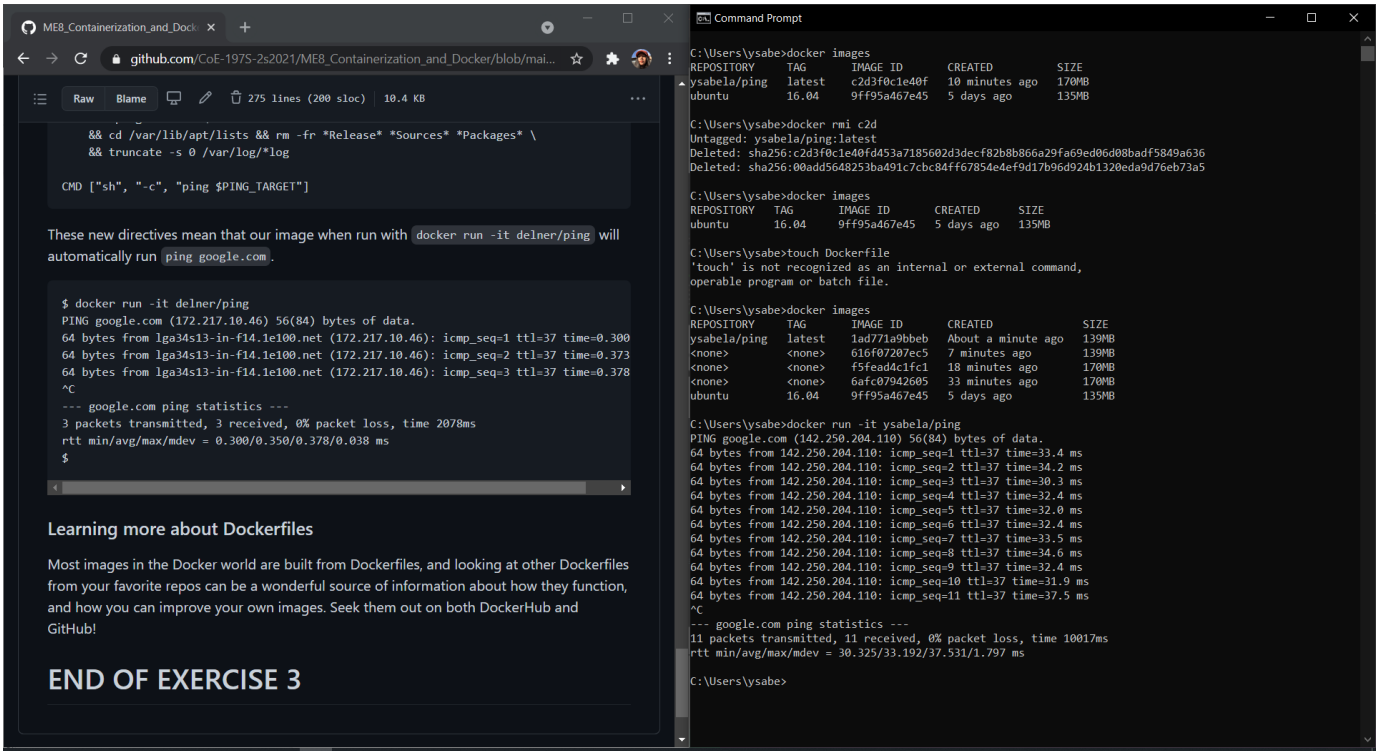
Since no improvement was seen, the dockerfile was modified again as shown above.



Upon running the modified dockerfile, 170MB was reduced to 139MB which is a major improvement. Again, same with the output a while ago, another image with the tag and repository name “<none>” appeared.

To automatically run the ping command, the dockerfile was modified again as shown above.





For some reason, when I tried to run the docker run -it command on the git bash shell, an error occurred as seen in the first image above. So, to run the command, I went back to the command line shell. As you can see, the dockerfile runs perfectly.